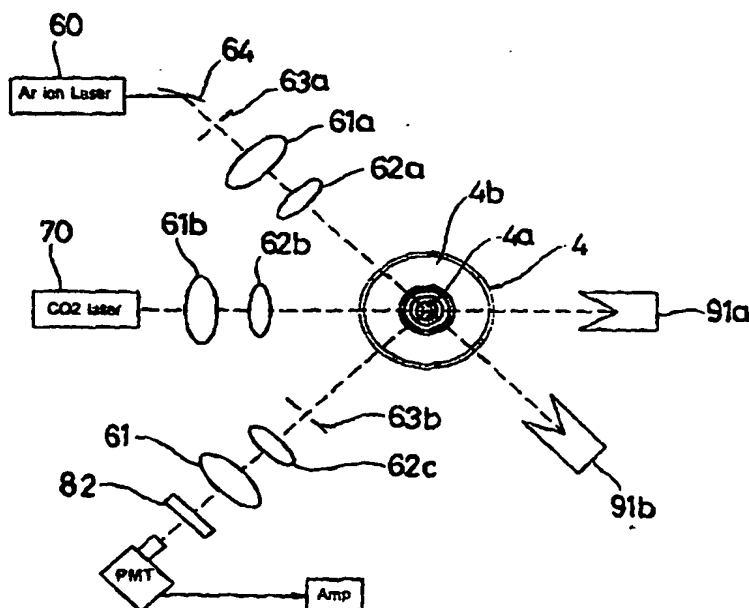




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(54) Title: METHODS FOR MANUFACTURING AND DEPOSITING FINE PARTICLES COMBINING FLAME AND LASER BEAM



(57) Abstract

A method of manufacturing fine particles containing metallic and ceramic fine powder, glass fine powder and composite fine powder, includes the steps of supplying reactants into a burner forming a flame, generating particles from the reactants in the flame of the burner, and irradiating at least one laser beam into the particles generated in the flame to thereby heat and sinter the particles.